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Atty. Docket No.: 25436/2155

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Hogrefe, et al.
Serial No.: 10/079,241
Filed: February 20, 2002
Entitled: HIGH FIDELITY DNA POLYMERASE
COMPOSITIONS AND USES
THEREOF

Examiner: Hutson, R.G.

Group Art Unit: 1652

Conf. No.: 7186

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kathleen M. Williams

Name of Person Mailing Paper

Signature of Person Mailing Paper

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Enclosed for filing the above-identified patent application, please find the following documents:

1. Response to Office Communication mailed on February 23, 2005;
2. RCE Submission; and
3. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 16-0085, Reference 25436/2155. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date:

3/22/05

Name: Kathleen M. Williams

Registration No.: 34,380

Customer No.: 27495

Palmer & Dodge LLP

111 Huntington Avenue

Boston, MA 02199-7613

Tel: 617-239-0100



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RESPONSE TO OFFICE COMMUNICATION

Sir:

The Office Communication mailed from the United States Patent and Trademark Office on February 23, 2005 stated that applicant failed to use permissible status identifiers set forth in 37 CFR 1.121(c). The enclosed RCE Submission was corrected to include the permissible status identifiers under 37 CFR 1.121(c). Reconsideration and further examination are requested.

Respectfully submitted,

Date:

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**Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

RCE SUBMISSION

Sir:

This Response and Amendment After Final Rejection is being filed in response to the Final Office Action mailed from the U.S. Patent and Trademark Office on April 13, 2004, in the above-identified application.

Amendments to the Specification begins on page 3 of this paper.

Amendments to the Claims are shown in the "Listing of the Claims" which begins on page 10 of this paper.

Remarks begin on page 24 of this paper.

Conclusion begins on page 36 of this paper.

A **revised sequence listing** (both paper and computer readable copies) are submitted herewith to reflect the incorporation of JDF-3 DNA polymerase sequences into the specification.

Applicants respectfully request entry of the amendments, remarks and the sequence listing.